



ARIZONA CROPS MAY 2004

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Arizona Cotton

Final figures on Arizona's 2003 cotton crop show area planted to upland totaled 215,000 acres with 213,000 acres harvested both unchanged from a year ago. Yield of 1,239 pounds per acre was below the previous year's 1,381 pounds per acre. Final production was 550,000 bales, 10 percent below 2002. Pima cotton planted area totaled 2,500 acres and 2,400 acres harvested. A yield of 920 pounds per acre was below the 2002 level of 1,013 pounds, for a total production of 4,600 bales, down from 17,300 bales the previous year.

Arizona and California Cotton Production Highlights

Arizona and California upland cotton growers began planting during March, but were delayed or forced to replant due to the cool, wet spring weather. Some growers switched from American-Pima varieties to upland varieties due to more favorable upland prices. Development of the California cotton crop was up to a month behind normal, but the extremely warm summer weather allowed the crop to catch up. California growers began the harvest later than any of the previous 15 years due to the late-developing crop. October weather provided ideal harvesting conditions throughout California. Growers were wrapping up the harvest by the end of November except in Arizona where it was delayed by frequent scattered showers. Data from objective yield measurements showed California boll counts were the third highest in the 15-year data series, surpassed only by the previous two years. Boll weights were below the 15-year average, but the highest since 1998.

United States Cotton

All cotton production is estimated at 18.3 million bales, up 6 percent from the 2002 production. Upland cotton production is estimated at 17.8 million bales, 8 percent more than the previous production. The U.S. yield for upland cotton is a record high 723 pounds per acre, 71 pounds more than 2002. Harvested area, at 11.8 million acres, is 3 percent below last year. Upland planted area is estimated at 13.3 million acres, 3 percent less than last season. Data from the 7 Objective Yield States showed above average boll counts, higher weights than any of the previous six seasons, and above average harvest loss.

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Cotton: Area Planted and Harvested, Yield, and Production by Type, State, and United States, 2002-2003 1/

Type and State	Area Planted		Area Harvested		Yield		Production 2/	
	2002	2003	2002	2003	2002	2003	2002	2003
	1,000 Acres				Pounds		1,000 Bales 3/	
Upland								
AL	590.0	525.0	540.0	510.0	507	772	570.0	820.0
AZ	215.0	215.0	213.0	213.0	1,381	1,239	613.0	550.0
AR	960.0	980.0	920.0	945.0	871	916	1,669.0	1,804.0
CA	480.0	550.0	477.0	545.0	1,469	1,317	1,460.0	1,495.0
FL	120.0	94.0	105.0	92.0	439	610	96.0	117.0
GA	1,450.0	1,300.0	1,360.0	1,290.0	557	785	1,578.0	2,110.0
KS	80.0	90.0	68.0	80.0	539	537	76.3	89.5
LA	520.0	525.0	495.0	510.0	717	967	739.0	1,027.0
MS	1,170.0	1,110.0	1,150.0	1,090.0	808	934	1,935.0	2,120.0
MO	380.0	400.0	368.0	390.0	796	862	610.0	700.0
NM	54.0	53.0	50.0	38.0	816	884	85.0	70.0
NC	940.0	810.0	920.0	770.0	421	646	806.0	1,037.0
OK	200.0	180.0	180.0	170.0	557	616	209.0	218.0
SC	290.0	220.0	200.0	218.0	314	718	131.0	326.0
TN	565.0	560.0	530.0	530.0	741	806	818.0	890.0
TX	5,600.0	5,600.0	4,500.0	4,350.0	538	478	5,040.0	4,330.0
VA	100.0	89.0	98.0	85.0	465	674	95.0	119.4
US	13,714.0	13,301.0	12,174.0	11,826.0	652	723	16,530.3	17,822.9
American-Pima								
AZ	8.3	2.5	8.2	2.4	1,013	920	17.3	4.6
CA	210.0	150.0	209.0	149.0	1,386	1,194	603.3	370.5
NM	7.1	6.1	7.1	6.0	1,041	1,056	15.4	13.2
TX	18.5	20.0	18.3	20.0	1,110	1,056	42.3	44.0
US	243.9	178.6	242.6	177.4	1,342	1,170	678.3	432.3
All - US	13,957.9	13,479.6	12,416.6	12,003.4	665	730	17208.6	18255.2

1/ 2003 revised.

2/ Production ginned and to be ginned.

3/ 480 lb. net weight bales.

Cottonseed: Production and Farm Disposition by State and United States, 2002-2003

State	Production		Farm Disposition				Seed for Planting 2/	
			Sales to Oil Mills		Other 1/			
	2002	2003	2002	2003	2002	2003	2002 3/	2003
1,000 Tons								
AL	195.0	327.0	48.0	49.0	147.0	278.0	6.1	6.3
AZ	232.4	216.8	5.6	4.1	226.8	212.7	2.0	1.9
AR	627.0	689.0	491.0	462.0	136.0	227.0	9.3	10.0
CA	731.0	680.0	81.0	93.5	650.0	586.5	6.0	6.5
FL	29.0	37.0	18.0	21.7	11.0	15.3	1.1	1.2
GA	544.0	732.0	309.0	405.0	235.0	327.0	16.0	16.0
KS	28.0	34.2	13.0	4.2	15.0	30.0	0.9	1.3
LA	271.0	365.0	131.0	191.0	140.0	174.0	4.7	5.4
MS	697.0	773.0	548.0	604.0	149.0	169.0	11.0	11.0
MO	218.0	274.0	139.0	200.0	79.0	74.0	4.2	4.3
NM	35.5	31.6	15.3	3.8	20.2	27.8	0.6	0.7
NC	272.0	349.0	44.0	52.0	228.0	297.0	7.3	7.1
OK	81.0	79.0	72.0	64.0	9.0	15.0	2.0	2.3
SC	44.0	109.0	20.0	58.0	24.0	51.0	1.5	1.8
TN	291.0	311.0	244.0	232.0	47.0	79.0	5.9	6.2
TX	1,855.0	1,616.0	1,109.00	939.3	746.0	676.7	56.2	61.1
VA	33.0	41.0	0.0	0.0	33.0	41.0	0.9	0.8
US	6,183.9	6,664.6	3,287.9	3,383.6	2,896.0	3,281.0	135.7	143.9

1/ Includes planting seed, feed, exports, inter-farm sales, shrinkage, losses, and other uses.

2/ Included in "other" farm disposition. Seed for planting is produced in crop year shown, but used in the following year.

3/ Revised.

Winter Wheat

Production is forecast at 1.55 billion bushels, down 9 percent from 2003. Based on May 1 conditions, the U.S. yield is forecast at 44.2 bushels per acre, 2.5 bushels less than last year. Grain area totals 35.1 million acres, down 4 percent from last season. The portion of the winter wheat crop rated good to excellent on May 2, at 48 percent, was 7 percentage points lower than a year ago.

Durum Wheat

Production of Durum wheat in Arizona and California is forecast at a collective 21.0 million bushels (630,000 tons). This is down 9 percent from their 2003 total of 23.0 million (690,000 tons). This decline is due entirely to lower expected harvested acreage, as yields are equal to the 2003 levels. Very few disease or insect problems have been reported.

Winter Wheat: Area Harvested, Yield, and Production by Selected States and United States, 2002-2003 and Forecasted May 1, 2004

State	Area Harvested		Yield		Production	
	2003	2004	2003	2004	2003	2004
1,000 Acres			Bushels		1,000 Bushels	
Winter Wheat						
CA	370	310	61.0	75.0	22,570	23,250
CO	2,200	1,800	35.0	30.0	77,000	54,000
ID	720	680	80.0	81.0	57,600	55,080
KS	10,000	9,000	48.0	41.0	480,000	369,000
MT	1,720	1,600	37.0	33.0	63,640	52,800
NE	1,820	1,850	46.0	39.0	83,720	72,150
OK	4,600	4,300	39.0	36.0	179,400	154,800
OR	940	840	51.0	53.0	47,940	44,520
SD	1,380	1,440	43.0	38.0	59,340	54,720
TX	3,450	3,600	28.0	33.0	96,600	118,800
WA	1,800	1,700	65.0	63.0	117,000	107,100
WY	145	135	27.0	25.0	3,915	3,375
OTHER STATES 1/						
US	36,541	35,082	46.7	44.2	1,707,069	1,550,395
Durum Wheat 2/						
AZ	115	105	100.0	100.0	11,500	10,500
CA	115	105	100.0	100.0	11,500	10,500
MT	630		23.0		14,490	
ND	1,980		29.5		58,410	
OTHER STATES 3/	29		25.4		737	
US	2,869		33.7		96,637	

1/ Other States include AL, AZ, FL, IA, LA, MN, NV, NJ, NM, ND, UT, WV, and WI. Individual state level estimates will be published in the "Small Grains 2004 Summary."

2/ Area harvested for the U.S. and remaining States will be published in "Acreage" released June 30, 2004. Yield and production will be published in "Crop Production" released July 12, 2004.

3/ Other states include MN and SD. Individual state level estimates for 2004 will be published in the "Small Grains 2004 Summary."

Hay: Stocks on Farms by Selected States and United States, December 1 and May 1, 2001-2004

State	December 1			May 1		
	2001	2002	2003	2002	2003	2004
	1,000 Tons					
AZ	223	203	280	28	45	55
CA	1,930	1,840	2,048	228	200	300
CO	1,990	1,548	1,841	535	360	610
ID	2,568	2,824	2,772	444	635	445
MT	4,192	4,086	3,986	935	953	790
NV	776	882	857	111	167	121
NM	586	550	525	65	98	115
OR	1,901	2,550	2,395	183	340	377
UT	1,494	1,210	1,495	215	175	279
WA	1,513	1,600	1,620	170	285	470
WY	1,506	1,250	1,910	180	200	465
US	110,384	102,978	110,752	22,458	22,013	25,865

Spring Potatoes: Area Harvested, Yield, and Production by State and United States, 2003-2004 and Forecasted May 1, 2004

State	Area Harvested		Yield		Production	
	2003	2004	2003	2004	2003	2004
	1,000 Acres		Cwt		1,000 Cwt	
AZ	7.6	6.2	275	285	2,090	1,767
CA	19.0	17.5	440	380	8,360	6,650
FL	28.6	22.5	280	249	8,008	5,605
Hastings	20.3	16.0	280	265	5,684	4,240
Other FL	8.3	6.5	280	210	2,324	1,365
NC	17.0	15.0	175	190	2,975	2,850
TX	12.5	10.5	240	210	3,000	2,205
TOTAL	84.7	71.7	288	266	24,433	19,077

Citrus Fruit: Utilized Production by Crop, State and United States, 2001-2002, 2002-2003 and Forecasted May 1, 2004 1/

Crop and State	Utilized Production Boxes			Crop and State	Utilized Production Boxes		
	2001-02	2002-03	2003-04		2001-02	2002-03	2003-04
	1,000 Boxes 2/				1,000 Boxes 2/		
Oranges				Tangerines			
Early Mid and Navel 3/				AZ 4/ 5/	620	430	600
AZ 4/	270	200	260	CA 4/ 5/	2,200	2,500	2,400
CA 4/	32,000	41,000	39,000	FL 6/	6,600	5,500	6,500
FL	128,000	112,000	126,000	US	9,420	8,430	9,500
TX 4/	1,530	1,350	1,450	Lemons 4/			
US	161,800	154,550	166,710	AZ	2,800	3,000	3,000
Valencia				CA	18,300	24,000	23,000
AZ 4/	250	270	280	US	21,100	27,000	26,000
CA 4/	19,500	20,500	15,000	Tangelos			
FL	102,000	91,000	119,000	FL	2,150	2,350	1,000
TX 4/	210	220	230				
US	121,960	111,990	134,510				
All				1/ The crop year begins with the bloom of the first year shown and ends with the completion of harvest the following year. 2/ Net lbs. per box: oranges-AZ & CA-75, FL-90, TX-85; grapefruit-AZ & CA-67, FL-85, TX-80; lemons-76; tangelos, K-Early Citrus & Temples-90; tangerines-AZ & CA-75, FL-95. 3/ Navel and miscellaneous varieties in AZ and CA. Early (including Navel) and midseason varieties in FL and TX. Small quantities of tangerines in TX. 4/ Estimates for current year carried forward from earlier forecast. 5/ Includes tangelos and tangors. 6/ 2001-02 includes Robinson, Fallglo, Sunburst, Dancy, and Honey varieties; 2002-03 through 2003-2004 includes Fallglo, Sunburst, and honey varieties only.			
AZ 4/	520	470	540				
CA 4/	51,500	61,500	54,000				
FL	230,000	203,000	245,000				
TX 4/	1,740	1,570	1,680				
US	283,760	266,540	301,220				
Temples							
FL	1,550	1,300	1,400				
All Grapefruit							
AZ 4/	160	130	100				
CA 4/	5,900	5,600	5,400				
FL	46,700	38,700	40,500				
TX 4/	5,900	5,650	5,400				
US	58,660	50,080	51,400				

RELEASE DATES FOR UPCOMING NATIONAL REPORTS

May 19 Agricultural Chemical Usage-Field Crops
 May 21 Farm Labor
 May 28 Agricultural Prices
 June 11 Crop Production

April Farm Prices Received Index Reaches Second Consecutive Record High

The preliminary All Farm Products Index of Prices Received by Farmers in April at 124, based on 1990-92=100, is 3 points (2.5 percent) above the March Index. This is the highest index level since records began. The Livestock Products Index increased 4 points (3.3 percent) from March while the All Crops Index increased 2 points (1.7 percent). Producers received higher commodity prices for milk, cattle, corn, and lettuce. Lower prices were received for eggs, strawberries, hogs, and tobacco. The seasonal change in the mix of commodities farmers sell, based on the past 3-year average, also affects the overall index. Increased average marketings of cattle, milk, strawberries, and sweet corn offset decreased marketings of soybeans, corn, cotton, and hogs. The preliminary All Farm Products Index is up 23 points (23 percent) from April 2003. The Food Commodities Index increased 3 points (2.5 percent) from last month to 125. The index stands 26 points (26 percent) above April 2003.

Prices Paid Index Reaches Record High

The April Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 133 percent of the 1990-92 average. The index is unchanged from March but 5 points (3.9 percent) above April 2003. Higher prices in April for feeder cattle, hay and forages, milk cows, and feed grains more than offset lower prices for feed concentrates, gasoline, LP gas, and insecticides.

Prices Received by Farmers: Arizona and U.S., April 2003 and 2004 and March 2004

Commodity	Unit	ARIZONA			UNITED STATES		
		April 2003 Entire Month	March 2004 Entire Month	April 2004 Mid-Month	April 2003 Entire Month	March 2004 Entire Month	April 2004 Mid-Month
Upland Cotton 1/	¢ Lb	2/	67.9	2/	45.4	59.4	59.5
All Wheat 2/	\$ Ton	---	---	---	112.32	127.99	127.32
Durum Wheat 2/	\$ Ton	---	---	---	130.99	137.99	139.99
Winter Wheat 2/	\$ Ton	---	---	---	106.32	125.32	125.32
All Hay Baled 3/	\$ Ton	94.00	84.00	90.00	94.50	81.80	89.60
Alfalfa Hay Baled 3/	\$ Ton	94.00	84.00	90.00	96.20	85.90	92.70
Other Hay Baled 3/	\$ Ton	87.00	79.00	85.00	86.40	70.90	76.00
Grapefruit 4/	\$ Box	13.70	17.00	16.50	14.90	16.10	16.20
Oranges 4/	\$ Box	9.90	16.50	9.86	16.60	18.70	17.50
Lemons 4/	\$ Box	22.50	20.80	2/	24.00	27.20	31.00
Tangerines 4/	\$ Box	22.80	20.20	35.20	24.60	22.70	26.10
Cows 5/	\$ Cwt	41.40	47.10	51.80	40.20	46.60	49.00
Steers and Heifers	\$ Cwt	78.80	95.60	102.00	78.80	87.90	89.70
Beef Cattle 6/	\$ Cwt	78.40	95.10	101.00	74.60	83.40	85.30
Calves	\$ Cwt	94.00	118.00	120.00	99.10	115.00	116.00
All Milk 7/	\$ Cwt	10.50	14.50	16.90	11.00	15.40	18.00

1/ Includes both spot and contract sales.

2/ Not available for Arizona.

3/ Mid-month.

4/ F.O.B. packed fresh Arizona box weights: Grapefruit 67 lbs., Oranges 75 lbs., Lemons 76 lbs., Tangerines 75 lbs.

5/ Beef cows and cull dairy cows sold for slaughter.

6/ "Cows" and "steers and heifers" combined.

7/ Preliminary: Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.

U.S. Price Index Summary Table

INDEX 1990-92 = 100	2003		2004	
	March	April	March	April
Prices Received	99	101	121	124
Prices Paid	128	128	133	133
Ratio 1/	77	79	91	93

1/ Ratio of index of prices received by farmers to index of prices paid by farmers.